

**AMENDMENTS TO THE CLAIMS****IN THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the subject Patent Application:

**LISTING OF CLAIMS:**

Claim 1 (Cancelled).

2. (Currently Amended) The method of controlling an ejection molding process by an operator of an ejection molding machine as claimed in claim + 7, wherein one of the options provided for setting of predetermined motions to be performed after completion of the mold-opening action is [[“]]no movement[[”]].

3. (Currently Amended) The method of controlling an ejection molding process by an operator of an ejection molding machine as claimed in claim + 7, wherein options provided for setting a first predetermined motion to be performed after completion of the mold-closing action include “NO”—(no movement), [[“]]middle ejector pushing[[”]], and [[“]]gate valve on[[”]].

4. (Currently Amended) The method of controlling an ejection molding process by an operator of an ejection molding machine as claimed in claim + 7, wherein options provided for setting second and fourth predetermined motions to be

performed after completion of the mold-closing action include “NO” (no movement), [“]two color injection at the same time[”] (, wherein two different color materials are injected into the mold at a same time), [“]front side injection[”] (, wherein materials are injected through a front side of the mold), and [“]rear side injection[”] (materials are injected through a rear side of the mold).

5. (Currently Amended) The method of controlling an ejection molding process by an operator of an ejection molding machine as claimed in claim 4, wherein options provided for setting a third predetermined motion to be performed after completion of the mold-closing action include “NO” (no movement), [“]middle ejector backwards, wherein [”] (a middle ejector moves backwards), [“]gate valve off, wherein [”] (the gate valve shuts), [“]middle ejector forwards, wherein [”] (the middle ejector moves forwards), and [“]gate valve on, wherein [”] (the gate valve opens).

6. (Currently Amended) The method of controlling an ejection molding process by an operator of an ejection molding machine as claimed in claim 4, wherein options provided for setting a fifth predetermined motion to be performed after completion of the mold-closing action include “NO” (no movement), [“]middle ejector backwards, wherein[”] (a middle ejector moves backwards), and [“]gate valve on, wherein [”] (the gate valve opens).

Claim 7 (New) A method of controlling an injection molding process by an operator of an injection molding machine, including the steps of:

- (a) monitoring said molding machine status whereby information relating to operation of the injection molding machine is displayed on a control panel;
- (b) setting temperatures for a predetermined molding process;
- (c) setting clamp mechanisms whereby operations of said molding machine relating to mold closing, mold opening and adjustment parameters are set;
- (d) setting front injection/charging operations relating to injection parameters, pressure parameters, and charging parameters of materials are set;
- (e) setting pushing/blowing parameters of the molding machine relating to middle injector pushing, support base of a mold portion rotation, front ejector pushing, rear ejector pushing and air blowing parameters are set;
- (f) setting function/time parameters whereby operations of the molding machine relating to a function switch, time of molding, and initial pressures on opposing sides of the mold are set;
- (g) sequentially initiating an automatic process after step (f) which includes the steps of

- (1) setting predetermined motions of the molding machine to be performed subsequent to completion of the mold-opening action, and,
- (2) setting predetermined motions of the molding machine to be performed subsequent to the mold-closing action, whereby motions of the molding machine and molds may be set in accordance to a specific mold;

  

- (h) setting production parameters relating to production and quality control of molded products are set;
- (i) setting parameters in the molding machine relating to the number of cores which are to be set;
- (j) setting auto purge/carriage parameters relating to position control of front/rear screw rods and the purging of materials are set; and,
- (k) setting backward injection/charging parameters whereby operations of the machine relating to injection parameters, pressure maintenance and material charging is set.